

3. Daniella

Program Name: Daniella.java

Input File: daniella.dat

Daniella is concerned with words. She is always thinking about words. She has always been that way. She understands language and loves to think about words.

In her job as a chef, she is in charge of preparing meals for the customers in a fancy restaurant. In that job, she cooks great meals and is in charge of every step in the process. One of those steps is chopping up the vegetables. She is known world-wide for her chopping skills.

Every once in a while, her mind wanders, and in her daydreams, she combines her two interests. Sometimes even, she imagines chopping words. Your job is to write a program to "chop" words into pieces.

You will be given a String S and an integer N. Your job is to chop S into groups containing N letters each. Between each word piece, you will place a dash, but you will not have a dash at the beginning or the end of the word. As you move across the word from left to right, place dashes after each group of N letters. The last group may be shorter than the rest if there are not enough letters to create a group of N.

Examples:

```
COMPUTER 2 produces CO-MP-UT-ER
GLASS 1 produces G-L-A-S-S
PROGRAM 3 produces PRO-GRA-M
FROG 5 produces FROG
```

Input: The first line of data will contain an integer T representing the number of data lines to follow. T will be in the range [1,20]. The next T lines of data will contain a string and an integer with one space in between. The string will have a length in the range [1,40]. It will consist of uppercase letters. The integer will be an integer with a value in the range [1,5].

Output: Each output will consist of uppercase letters separated by dashes if appropriate.

Sample input:

```
6
RIGATONI 2
PENNE 5
FETTUCCINE 4
LASAGNA 1
MACARONI 5
SPAGHETTI 3
```

Sample output:

```
RI-GA-TO-NI
PENNE
FETT-UCCI-NE
L-A-S-A-G-N-A
MACAR-ONI
SPA-GHE-TTI
```